



## Data Entry Exercises

In these exercises you will:

- 1) Enter macroplot data.
- 2) Enter plot data for the sample events in Project1.

### Exercise 1: Enter macroplot data.

- 1.1 Select *Project1* and macroplot *001* in **Project Management** and enter the macroplot data.

The screenshot displays the FFI Ecological Monitoring Utilities software interface. The main window is titled "FFI" and has a menu bar with "Utilities" and "Help". The interface is divided into two main panes. The left pane, titled "Project Management", contains a tree view under "All Project Units" showing a hierarchy: "Project1" (expanded) contains macroplots "001", "002", "003", and "004", each with a date of "2007/06/14". Below the tree view is a vertical menu with options: "Project Management" (highlighted), "PDA Coordination", "Data Entry and Edit", "Query", "Reports and Analysis", "Species Management", and "Toolbox". The right pane, titled "Macro Plot", has a "Save Cancel Delete" bar at the top. Below this is the "Identity" section with fields for "Name:" (set to "001"), "Type:" (a dropdown menu), and "Purpose:". A "Project Units" section shows "Project1" selected, with an "Assign to project units" button. The "Properties" section is divided into "Site Characteristics" (with fields for Elevation (m), Azimuth (deg.), Aspect (deg.), Hill slope (%), and Transect slope (%)) and "Location" (with fields for UTM Easting (m), UTM Northing (m), UTM zone, Datum, Error (m), PDOP, Longitude, and Latitude). The bottom status bar shows "SHADOW", "shadow", "Training", and "Training".

## Data Entry Exercises

### Exercise 2: Enter plot data for sample events in *Project1*.

- 2.1 Select the sample event for macroplot 001 and enter data from the field data sheets for the *Surface Fuels*, *Surface Fuels-Vegetation*, *Surface Fuels-Alaska Duff/Litter*, *Surface Fuels-Piles*, and *Biomass Fuels* protocols.

The screenshot shows the FFI (Field Data Entry) software interface. The window is titled "FFI" and has a menu bar with "Utilities" and "Help". The main window is divided into two panes: "Data Entry and Edit" on the left and "Data Entry and Edit Details" on the right.

**Data Entry and Edit Pane:**

- A tree view shows a folder "Project1" containing four sub-items: "001", "002", "003", and "004". Each item has a date "2007/06/14" next to it.
- Below the tree view is a vertical menu with the following options: "Project Management", "PDA Coordination", "Data Entry and Edit" (highlighted in orange), "Query", "Reports and Analysis", "Species Management", and "Toolbox".

**Data Entry and Edit Details Pane:**

- A "Picklist" dropdown menu is at the top.
- Below it are four tabs: "Surface Fuels", "Biomass - Fuels", "Surface Fuels - Piles", and "Surface Fuels - Vegetation". The "Surface Fuels - Vegetation" tab is selected.
- Below the tabs are buttons: "Save", "Cancel", "Delete", "Delete Visit", and "Fuel Constants".
- A "Visited:" field with a dropdown menu showing "No".
- A "Surface Fuels - Vegetation" section with a "Num. Transects:" field.
- A table with the following columns: "Transect", "Samp. Loc.", "Off Set", "Item", and "Cover".
- The table has a single row with a "\*" in the "Transect" column, an empty "Samp. Loc." field, an empty "Off Set" field, a dropdown menu in the "Item" column, and an empty "Cover" field.

The bottom of the window shows a taskbar with the following icons: "SHADOW", "shadow", "Training", and "Training".

## Data Entry Exercises

- 2.2 Select the sample event for macroplot 002 and enter data for the *Cover-Species Composition*, *Cover-Line Intercept*, *Cover/Frequency*, *Density – Belts*, *Density-Quadrats*, and *Rare Plants Species* protocols.

FFI

Utilities Help

**Data Entry and Edit**

Project1

- 001 2007/06/14
- 002 2007/06/14
- 003 2007/06/14
- 004 2007/06/14

**Data Entry and Edit Details**

Picklist

Cover\_Frequency Density - Belts Density - Quadrats Rare Plant Species

Cover - Line Intercept

Save Cancel Delete Delete Visit

Visited: No

Num. Transects:

Tran. Length:

Transect	Item Code	Status	Size Class	Age Class
*				

SHADOW shadow Training Training

## Data Entry Exercises

- 2.3 Select the sample event for macroplot 003 and enter data for the *Cover-Points*, *Cover-Points by Transect*, *Trees*, *Biomass-Plants* and *FCCS* protocols.

FFI

Utilities Help

**Data Entry and Edit**

Project1

- 001 2007/06/14
- 002 2007/06/14
- 003 2007/06/14
- 004 2007/06/14

**Data Entry and Edit Details**

Picklist

Trees Biomass - Plants Cover - Points Cover - Points by Transect FCCS

Save Cancel Delete Visit

Visited: No

Single Trees

Plot Size: Break Pnt. Dia.: Snag Plot Size:

Tag Num.	Species	Status	DBH	Height
*				

Trees by Diameter Class (Saplings)

Plot Size:

Diam. Class	Species
*	

Trees by Height Class (Seedlings)

Plot Size:

Ht. Class	Species
*	

SHADOW shadow Training Training

## Data Entry Exercises

- 2.4 Select the sample event for macroplot 004 and enter data for the *Plot Description*, *Pilot Sampling*, *Fire Behavior*, *Post Burn Severity* (metric), *Composite Burn Index*, *Disturbance History*, and *FCCS* protocols.

The screenshot displays the FFI (Forest Fire Inventory) software interface. The main window is titled 'Data Entry and Edit' and contains a sidebar on the left with a tree view of project data. The tree view shows 'Project1' with four sub-items: '001', '002', '003', and '004'. Each item has a date '2007/06/14' next to it. The '004' item is selected and highlighted in blue. Below the tree view is a vertical menu with the following options: 'Project Management', 'PDA Coordination', 'Data Entry and Edit' (which is highlighted in orange), 'Query', 'Reports and Analysis', 'Species Management', and 'Toolbox'. The main area of the window is titled 'Data Entry and Edit Details' and contains a 'Picklist' dropdown menu. Below the dropdown are several tabs: 'FCCS', 'Pilot Sampling', 'Post Burn Severity (metric)', 'Plot Description', 'Fire Behavior', 'CBI', and 'Disturbance History'. The 'Plot Description' tab is currently selected. Below the tabs are buttons for 'Save', 'Cancel', 'Delete', and 'Delete Visit'. The main data entry area is divided into several sections, each with a title and a list of fields with checkboxes or input boxes. The sections are: 'Visited' (with a 'No' value), 'Radius/Length' and 'Width' (with input boxes), 'Landform, Geology, Soils' (with fields for Landf, Vert. Sh, Horiz. Sh, Geolo, Geolo, Erosion T, and Erosion S), 'Vegetation - Tree Cover' (with fields for Tree Cc, Med C, Seed Cc, Lrg Tree C, Sap Cc, VLrg Tree C, and Pole Cc), 'Vegetation - Shrub and Herbaceous Cover' (with fields for Shrub Cc, Low Shrub Cc, Med Shrub Cc, Tall Shrub Cc, Gram C, Forb C, Fern C, and Moss/Li), 'Vegetation - Composition' (with fields for Upp Sp, Low S, Upp Sp, Low S, Mid Sp, PVT Code, Mid Sp, and Pot. Life), 'Ground Cover' (with fields for Bare, Gra, R, I, W, Moss/Li, Basal, and W), and 'Fire Behavior and Fuels' (with fields for FBFM Nun, FBFM C, Photo Series, Stand Ht, Canopy Base Ht, Canopy Cov, Flame Len., Spread Rate, FSC Subs, and FSC Veget). The bottom of the window shows a status bar with the text 'SHADOW', 'shadow', 'Training', and 'Training'.